

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Meridian Automotive Systems Shelbyville - Removal Polrep



EPA Region 5 Records Ctr.



380929

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #1
 Initial POLREP
 Meridian Automotive Systems Shelbyville

Shelbyville, IN
 Latitude: 39.5454600 Longitude: -85.7917300

To: Shelly Lam, U.S. Environmental Protection Agency
 Verneta Simon, U.S. Environmental Protection Agency
 Jeff Bryniarski, Weston Solutions
 Linda Nachowicz, U.S. Environmental Protection Agency
 Jason El-Zein, U.S. Environmental Protection Agency
 Charlie Gebien, U.S. Environmental Protection Agency
 Mark Durno, U.S. Environmental Protection Agency
 Richard Murawski, U.S. Environmental Protection Agency
 Mila Bensing, U.S. Environmental Protection Agency
 David Chung, U.S. Environmental Protection Agency
 Tim Johnson, IDEM
 Dan Chesterson, IDEM
 Bill Myers, IDEM
 Tony Logan, City of Shelbyville
 Harry Atkinson, IDEM
 Max Michael, IDEM
 Ken McDaniel, IDEM
 Eileen Furey, U.S. Environmental Protection Agency

From: Shelly Lam and Verneta Simon, On-Scene Coordinator

Date: 12/4/2009

Reporting Period: 11/25/09 - 12/4/09

1. Introduction

1.1 Background

Site Number:	B5UX	Contract Number:	EP-55-08-02
D.O. Number:	0043	Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action

NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	11/30/2009	Start Date:	11/25/2009
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	IDEM Notified
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Inactive Production Facility

1.1.2 Site Description

The Site was formerly operated by Meridian Automotive Systems (MAS) to manufacture fiberglass auto body panels and other miscellaneous parts. MAS ceased manufacturing operations at the Site on or about July 15, 2009, when they declared bankruptcy. The facility was abandoned with production equipment in place. In addition, containerized wastes and materials were abandoned when operations ceased. Electricity is still active at the Site. Gas and water have been turned off to the facility. However, the fire suppression system remains active and full of fluid.

1.1.2.1 Location

The Site is located at 501 Northridge Drive, Shelbyville, Shelby County, Indiana. The geographical coordinates for the Site are Latitude 39.5454600 ° North and Longitude 85.7917300 ° West. The Site is approximately 48.9 acres in size and, contains a 354,018 square foot manufacturing building, guard shack, mold storage building, an outdoor waste storage area, and a pump house. The exterior of the manufacturing building is constructed of a slab concrete foundation, concrete and metal-siding walls, and a leaking roof.

1.1.2.2 Description of Threat

In November 2009, the Indiana Department of Environmental Management (IDEM) State Cleanup Branch requested that U.S. EPA Region 5 conduct a preliminary assessment of the Meridian Automotive Systems site. The request was based in part on requests from local officials, including the Shelbyville Fire Department, who had expressed concern that uncontained hazardous substances at this site presented a potential threat to the local population.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

During a site visit on November 25, 2009, U.S. EPA observed approximately 200 55-gallon drums containing flammables, paints, adhesives, corrosives, and unknown liquids; numerous 250-gallon totes with used oil and adhesives; several gas cylinders; process equipment, including 26 hydraulic presses; and four pits containing liquid/solid mixture. Two pits appear to be 350 feet by 30 feet and reportedly contain oil, water, and sludge. The third pit appears to be approximately 30 feet by 30 feet and reportedly contains paint sludge. The fourth pit was used for equipment washing. Approximately 150 drums are located outside the manufacturing building in a covered waste storage area; some of the drums are stacked and are in danger of falling. In addition, a 20-yard roll-off, containing "flash," is located outside in an unsecured area. The facility was abandoned by MAS on or about July 15, 2009, when the company declared bankruptcy. The site building has been vacant since then with unrestricted access.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The site is an abandoned automotive body parts manufacturing facility, located in Shelbyville, Shelby County, Indiana. The site was referred to U.S. EPA by IDEM. During a site visit, EPA observed approximately 200 55-gallon drums containing flammables, paints, adhesives,

corrosives, and unknown liquids; numerous 250-gallon totes with used oil and adhesives; several gas cylinders; process equipment, including 26 hydraulic presses; and four pits containing liquid/solid mixture. Two pits appear to be 350 feet by 30 feet and reportedly contain oil, water, and sludge. The third pit appears to be approximately 30 feet by 30 feet and reportedly contains paint sludge. The fourth pit was used for equipment washing. Approximately 150 drums are located outside the manufacturing building in a covered waste storage area; some of the drums are stacked and are in danger of falling. In addition, a 20-yard roll-off, containing "flash," is located outside in an unsecured area.

2.1.2 Response Actions to Date

EPA, START, and ERRS mobilized to the Site and began work on November 30, 2009. All drums found in the exterior hazardous waste storage shed were moved inside the building and properly staged in an open area on the main plant south floor. A thorough search of the building was conducted by START and ERRS to locate additional containerized waste. Containers were then moved to the staging area via forklifts and hand carts. START conducted sampling of select waste drums and containers on December 1 and submitted these samples for laboratory analysis. ERRS conducted waste profile sampling to confirm waste profiles previously maintained by Meridian Automotive Systems with several vendors. One press pit was drained using an attached oil-water separator. Oil was collected in a poly-tote and water was discharged through city sewers after notification to City of Shelbyville water treatment plant. Six hydraulic presses were drained of oil, which was collected in poly-totes. The Action Memorandum for the Site was drafted and submitted through the review process.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The Meridian Automotive Systems is in bankruptcy, Delaware Case #09-12802, and has abandoned the Shelbyville facility. Meridian is abandoning the property to the Lender.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
RQ, UN28909, Waste Mercury, 8, PGIII, (Mercury Switches), (D009), ERG#172	Solid wastes	1 7-gallon drum	000270443WAS		Heritage Environmental Services
UN2794, Batteries, Wet, Filled with acid, 8, PGIII, (Universal Waste- Lead Acid Batteries), ERG#154	Solid wastes	1 55-gallon drum	1135676-9000		Heritage Environmental Services
UN3028, Batteries, Dry, Containing Potassium Hydroxide Solid, 8, PGIII, (Universal Waste- Alkaline Battery), ERG#154	Solid wastes	8 32-gallon drums	1135676-9000		Heritage Environmental Services
Non-DOT / Non-RCRA Regulated	Solid wastes	1 200-pound box	1135676-9000		Heritage Environmental Services
Non-DOT / Non-RCRA Regulated	Solid wastes	1 7-gallon drum	1135676-15336		Lighting Resources
Non-DOT Universal Waste – Mercury Containing Lamps	Solid wastes	8 200-pound boxes	1135676-15289		Lighting Resources
Non-DOT Universal Waste – Mercury Containing Lamps	Solid wastes	6 100-pound boxes	1135676-15289		Lighting Resources
Non-DOT Universal Waste – Mercury Containing Lamps	Solid wastes	1 150-pound box	1135676-15289		Lighting Resources
Non-DOT / Non-RCRA Regulated	Solid wastes	1 20-yard rolloff	1135878-15524		Roachdale Landfill

2.2 Planning Section

2.2.1 Anticipated Activities

- Drummed and containerized waste will be shipped off site for disposal.
- Arrangements have been made with several gas cylinder vendors to pick-up gas cylinders found on Site.

2.2.1.1 Planned Response Activities

If the Action Memorandum is approved, Site work will resume on December 14, 2009.

2.2.1.2 Next Steps

If the Action Memorandum is approved, Site work will resume on December 14, 2009. Next steps will consist of emptying hydraulic presses of oil and transporting waste off-site for disposal.

2.2.2 Issues

- The 354,018 square foot main plant building remains intact, but the flat roof has several areas where rainwater has been leaking in and pooling on floor surfaces, which has caused one person on-site to slip.
- EPA has reached an agreement with the power provider to keep electric service to the plant active in order to facilitate Site work.
- The plant fire suppression system and attached water storage tank remains full.

2.3 Logistics Section

Once the Action Memorandum is approved, U.S. EPA, ERRS, and START will remobilize to the Site to continue work.

2.4 Finance Section

2.4.1 Narrative

The Action Memorandum is in review and costs have not been finalized. To date, \$60,000 has been authorized.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$60,000.00	\$24,565.75	\$35,434.25	59.06%
START	\$20,000.00	\$0.00	\$20,000.00	100.00%
Intramural Costs				

Total Site Costs	\$80,000.00	\$24,565.75	\$55,434.25	69.29%
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* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Safety Officer

On November 30, 2009, the site health and safety plan was finalized, and has been signed by site personnel. START established hot zone air monitoring locations using a MultiRAE multi-gas meter. The leaking roof has created slick floor conditions, which has caused one person on-site to slip.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

Not applicable.

2.7.2 Community Involvement Coordinator

Not applicable.

3. Participating Entities

3.1 Unified Command

Not applicable.

3.2 Cooperating and Assisting Agencies

Indiana Department of Environmental Management (IDEM)
Shelbyville Fire Department (SFD)

4. Personnel On Site

2 EPA OSC
6 ERRS – EQM and consultant
1 START – Weston Solutions

5. Definition of Terms

DOT – Department of Transportation
ERRS – Emergency and Rapid Response Services
IDEM – Indiana Department of Environmental Management
MAS – Meridian Automotive Systems

OSC – On-Scene Coordinator
RCRA – Resource Conservation and Recovery Act
SFD – Shelbyville Fire Department
START – Superfund Technical Assessment and Response Team
U.S. EPA – United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/reports

For additional information, please refer to "Documents" on www.epaosc.org/.

6.2 Reporting Schedule

The next PolRep will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to "Documents" on www.epaosc.org/.